Title (en)

SYSTEMS AND METHODS FOR SIGNAL FREQUENCY DIVISION IN WIRELESS COMMUNICATION SYSTEMS

Title (de)

SYSTEME UND VERFAHREN ZUR SIGNALFREQUENZTEILUNG IN DRAHTLOSEN KOMMUNIKATIONSSYSTEMEN

Title (fr)

SYSTÈMES ET PROCÉDÉS POUR UNE DIVISION DE FRÉQUENCE DE SIGNAL DANS UN SYSTÈME DE COMMUNICATION SANS FIL

Publication

EP 2769493 A1 20140827 (EN)

Application

EP 12841752 A 20121017

Priority

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Abstract (en)

[origin: US2013094554A1] An exemplary system comprises at least one antenna, first and second signal paths, and an N-plexer. The antenna may be configured to receive first and second diversity receive signals. The antenna is further configured to transmit first and second diversity transmit signals. The first signal path may have a frequency converter configured to downconvert the first diversity receive signal to an intermediate frequency and to upconvert the first diversity transmit signal to a radio frequency. The second signal path may have a frequency converter configured to downconvert the second diversity receive signal to an intermediate frequency and to upconvert the second diversity transmit signal to the radio frequency. The N-plexer may be configured to provide the first and second diversity receive signals to a cable and to provide from the cable the first and second diversity transmit signals to the first signal path and the second signal path, respectively.

IPC 8 full level

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